Attachment #4

FORM PTO-1449 U.S.DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 0685-UNMC.63157	APPL. NO. 09/919,196
INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) (Use several sheets if necessary)	APPLICANT Ming-Fong Lin	
	FILING DATE July 31, 2001	GROUP: 1645

OIPE JC100 MAR 12 2002 PATENT & TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

YR	1	C1	Abrahamsson, P.-A, "Neuroendocrine cells in tumour growth of the prostate." Endocrine-Related Cancer 6: 503-519 (1999).
	2	C2	Cox, Michael E., et al., "Activated 3', 5'-Cyclic AMP-dependent Protein Kinase Is Sufficient to Induce Neuroendocrine-like Differentiation of the LNCaP Prostate Tumor Cell Line." J Biol Chem, 275(18): 13812-13818 (2000).
	1	C3	Noordzij, M. A., et al., "Neuroendocrine cells in the normal, hyperplastic and neoplastic prostate." Urol Res 22: 333-341 (1995).
	1	C4	Abrahamsson, P.-A. and H. Lilja, "Partial Characterization of a Thyroid-Stimulating Hormone-like Peptide in Neuroendocrine Cells of the Human Prostate Gland." The Prostate 14: 71-81 (1989).

EXAMINER M. T. DAVIS | DATE CONSIDERED 01/20/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) (Use several sheets if necessary)	APPLICANT Ming-Fong Lin	
	FILING DATE July 31, 2001	GROUP: 1645

OIPE JC1556 MAR 12 2002 PATENT & TRADEMARK OFFICE

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MT	/	C5	Bonkhoff, Helmut, et al., "Relation of Endocrine-Paracrine Cells to Cell Proliferation in Normal, Hyperplastic, and Neoplastic Human Prostate." The Prostate 19: 91-98 (1991).
	/	C6	P. J. Gkonos, et al., "Neuroendocrine peptides in the prostate." Urol Res 23: 81-87 (1995).
	/	C7	Cussenot, Olivier, et al., "Evaluation and Clinical Value of Neuroendocrine Differentiation in Human Prostatic Tumors." The Prostate Supplement 8: 43-51 (1998).
	/	C8	Ahlgren, G., et al., "Neuroendocrine Differentiation is not Prognostic of Failure After Radical Prostatectomy but Correlates with Tumor Volume." Urology 56(6): 1011-1015 (2000).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TDS	✓	C9	di Sant'Agnese, P. Anthony., "Neuroendocrine cells of the prostate and neuroendocrine differentiation in prostatic carcinoma: A review of morphologic aspects." Urology 51(Supplement 5A): 121-124 (1998).
	✓	C10	di Sant'Agnese, P. Anthony., "Neuroendocrine Differentiation in Prostatic Carcinoma: An Update." The Prostate Supplement 8: 74-79 (1998).
	✓	C11	Jiborn, Thomas, et al., "Neuroendocrine Differentiation in Prostatic Carcinoma During Hormonal Treatment." Urology 51(4): 585-589 (1998).
	✓	C12	Aprikian, Armen G., et al., "Neuroendocrine Differentiation and the Bombesin/Gastrin-Releasing Peptide Family of Neuropeptides in the Progression of Human Prostate Cancer." The Prostate Supplement 8: 52-61 (1998).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TM	✓	C13	Sehgal, Inder et al., "Neurotensin is an autocrine trophic factor stimulated by androgen withdrawal in human prostate cancer." Proc. Natl. Acad. Sci. 91: 4673-4677 (1994).
	✓	C14	Bonkhoff, Helmut and Klaus Remberger. "Differentiation Pathways and Histogenetic Aspects of Normal and Abnormal Prostatic Growth: A Stem Cell Model." The Prostate 28: 98-106 (1996).
	✓	C15	Bang, Y.-J., et al., "Terminal neuroendocrine differentiation of human prostate carcinoma cells in response to increased intracellular cyclic AMP." Proc. Natl. Acad. Sci. 91: 5330-5334 (1994).
	✓	C16	Shen, Ruoqian, et al., "Transdifferentiation of Cultured Human Prostate Cancer Cells to a Neuroendocrine Cell Phenotype in a Hormone-Depleted Medium." Urol Oncol 3: 67-75 (1997).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TM	/	C17	Qiu, Yun, et al., "Etk/Bmx, a tyrosine kinase with a pleckstrin-homology domain, is an effector of phosphatidylinositol 3'-kinase and is involved in interleukin 6-induced neuroendocrine differentiation of prostate cancer cells." Proc. Natl. Acad. Sci. USA 95: 3644-3649 (1998).
	/	C18	Cox, Michael E., et al., "Acquisition of Neuroendocrine Characteristics by Prostate Tumor Cells is Reversible." Cancer Research 59: 3821-3830 (1999).
	/	C19	Lin, Ming-Fong, et al., "Expression of Human Prostatic Acid Phosphatase Correlates with Androgen-stimulated Cell Proliferation in Prostate Cancer Cell Lines." J Biol Chem, 273(10): 5939-5947 (1998).
	/	C20	Meng, Tzu-Ching, et al., "Interaction between protein tyrosine phosphatase and protein tyrosine kinase is involved in androgen-promoted growth of human prostate cancer cells." Oncogene 19: 2664-2677 (2000).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TK	✓	C21	Hertog, Jeroen den, et al., "Receptor protein tyrosine phosphatase α activates pp60$^{c\text{-}src}$ and is involved in neuronal differentiation." The EMBO Journal 12(10): 3789-3798 (1993).
	✓	C22	Bjelfman, Catarina, et al., "Ear Activation of Endogenous pp60^{src} Kinase Activity during Neuronal Differentiation of Cultured Human Neuroblastoma Cells." Molecular and Cellular Biology 10(1): 361-370 (1990).
	✓	C23	Lynch, Sally A., et al., "Induction of Altered c-*src* Product During Neural Differentiation of Embryonal Carcinoma Cells." Science 234: 873-876 (1986).
	✓	C24	van Inzen, Wouter G., et al., "The role of receptor protein tyrosine phosphatase α in neuronal differentiation of embryonic stem cells." Developmental Brain Research 91: 304-307 (1996).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ili	/	C25	Yang, Xiaohang, et al., "Two Drosophila Receptor-like Tyrosine Phosphatase Genes are Expressed in a Subset of Developing Axons and Pioneer Neurons in the Embryonic CNS." Cell 67: 661-673 (1991).
	/	C26	Zelivianski, Stanislav, et al., "Expression of receptor protein tyrosine phosphatase α mRNA in human prostate cancer cell lines." Molecular and Cellular Biochemistry 208: 11-18 (2000).
	/	C27	Sap, J., et al., "Cloning and expression of a widely expressed receptor tyrosine phosphatase." Proc. Natl. Acad. Sci. USA 87: 6112-6116 (1990).
	/	C28	Daum, Gunter, et al., "Multiple Forms of the Human Tyrosine Phosphatase RPTPα Isozymes and Differences in Glycosylation." The Journal of Biological Chemistry 269(14): 10524-10528 (1994).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TK	/	C29	Dixon, Shannon C., et al., "The Control of Prostate-Specific Antigen Expression and Gene Regulation by Pharmacological Agents." Pharmacological Reviews 53(1): 73-91 (2001).

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